

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021608.D
Acq On : 22 Aug 2024 10:51
Operator : RC/JU
Sample : PB162876BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB162876BL

Quant Time: Aug 22 11:18:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 11:12:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	294007	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	1139317	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	719256	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1752028	20.000	ng	0.00
76) Chrysene-d12	21.715	240	2039178	20.000	ng	0.00
86) Perylene-d12	25.156	264	2215401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	3002530	151.641	ng	0.00
7) Phenol-d6	6.969	99	4003088	138.592	ng	0.00
23) Nitrobenzene-d5	8.945	82	2399055	108.686	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1564553	195.446	ng	0.01
45) 2-Fluorobiphenyl	13.051	172	4517494	95.855	ng	0.00
79) Terphenyl-d14	19.986	244	9672988	92.155	ng	0.01

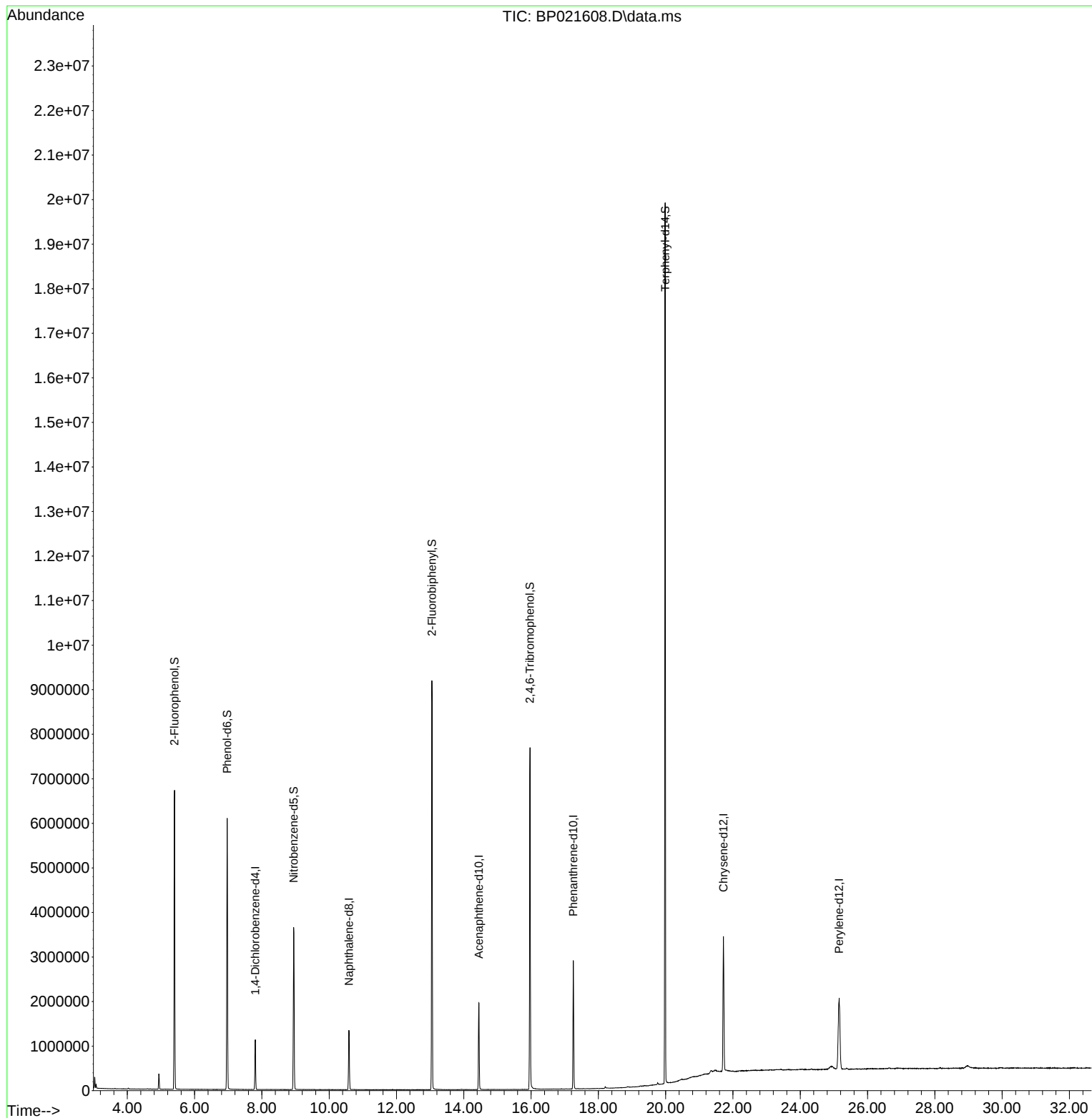
Target Compounds	Qvalue

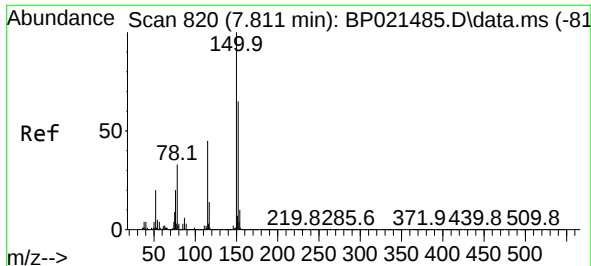
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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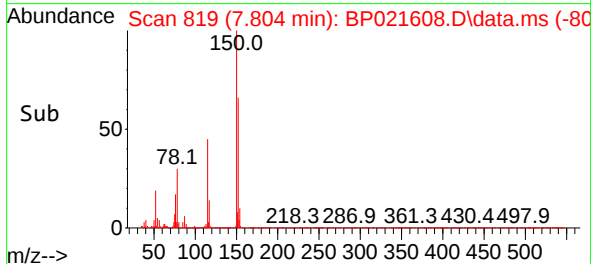
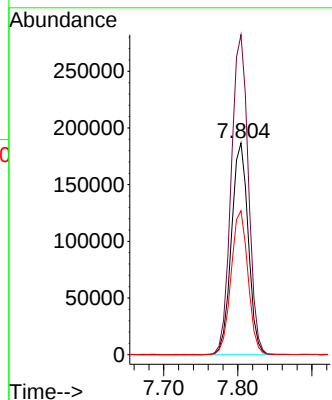
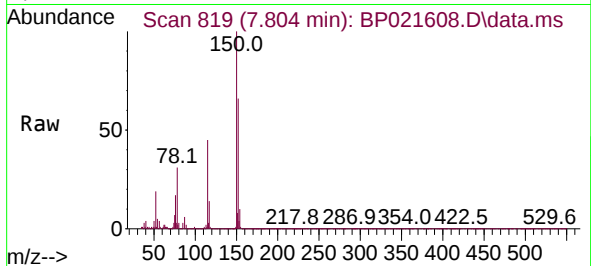




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

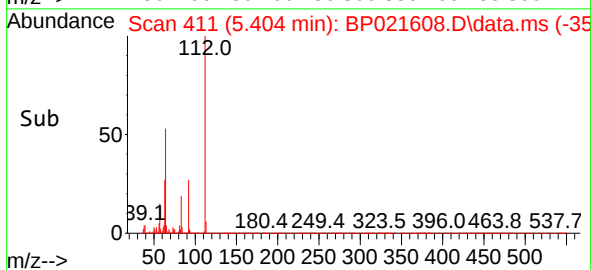
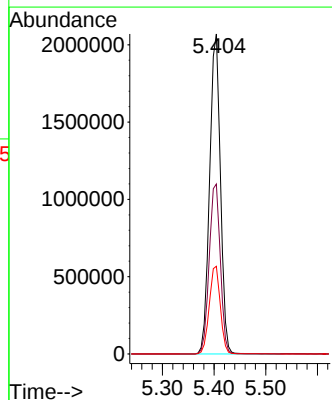
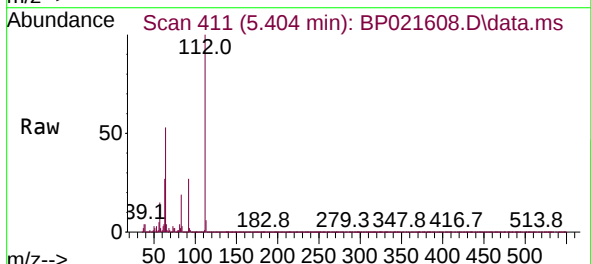
Instrument :
BNA_P
ClientSampleId :
PB162876BL

Tgt Ion:152 Resp: 294007
Ion Ratio Lower Upper
152 100
150 151.2 122.4 183.6
115 68.0 54.7 82.1



#5
2-Fluorophenol
Concen: 151.641 ng
RT: 5.404 min Scan# 411
Delta R.T. 0.005 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

Tgt Ion:112 Resp: 3002530
Ion Ratio Lower Upper
112 100
64 53.1 49.0 73.6
63 27.4 24.6 36.8

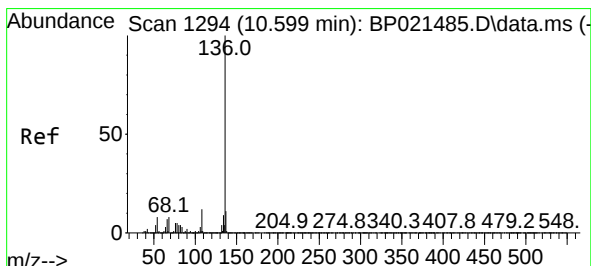
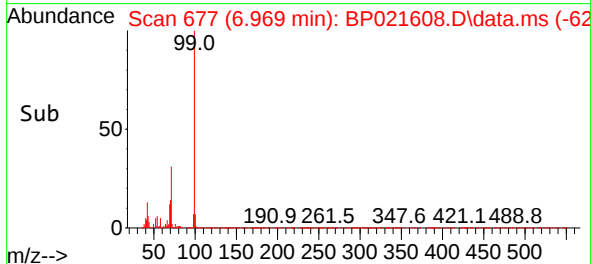
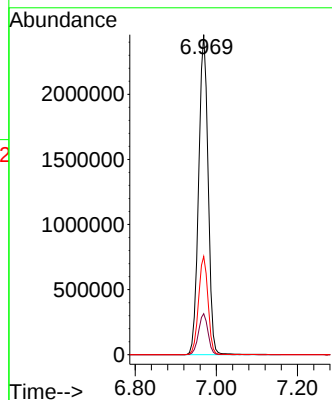
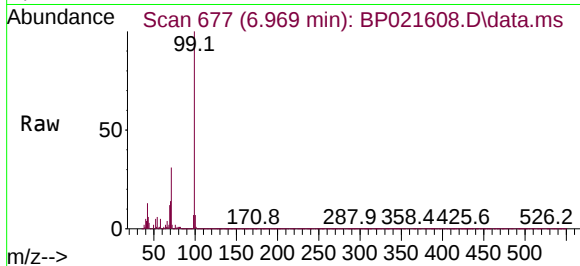




#7
Phenol-d6
Concen: 138.592 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.001 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

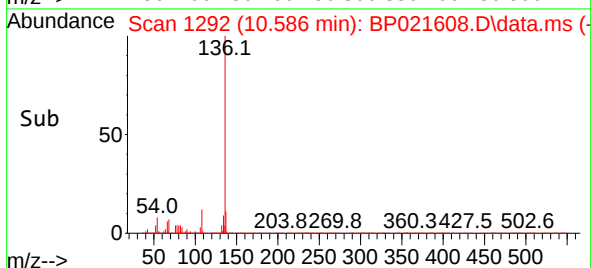
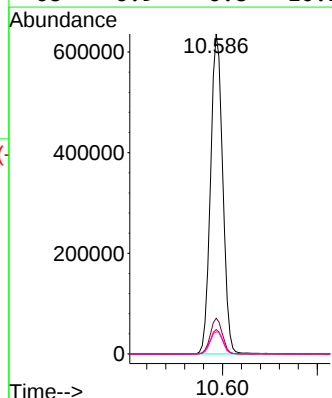
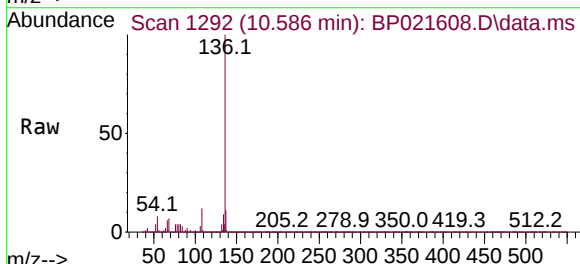
Instrument :
BNA_P
ClientSampleId :
PB162876BL

Tgt Ion: 99 Resp: 4003088
Ion Ratio Lower Upper
99 100
42 12.8 10.2 15.4
71 30.7 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.001 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

Tgt Ion: 136 Resp: 1139317
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.6 6.3 9.5
68 6.9 6.8 10.2

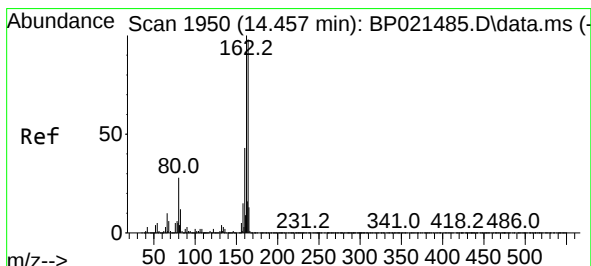
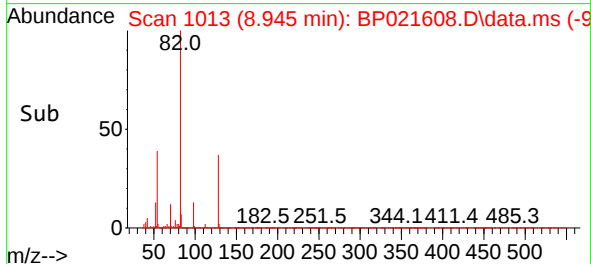
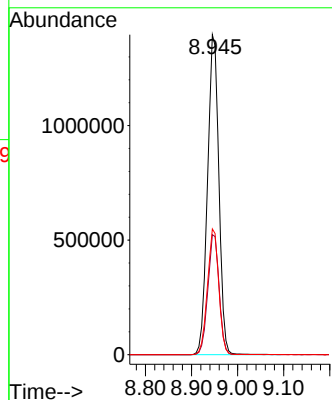
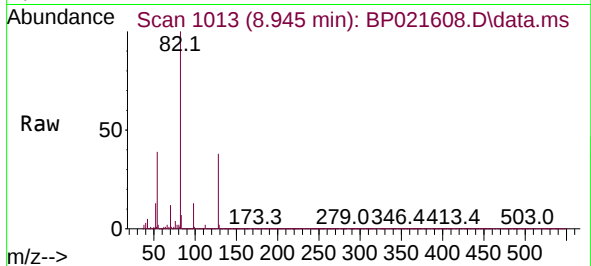




#23
Nitrobenzene-d5
Concen: 108.686 ng
RT: 8.945 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

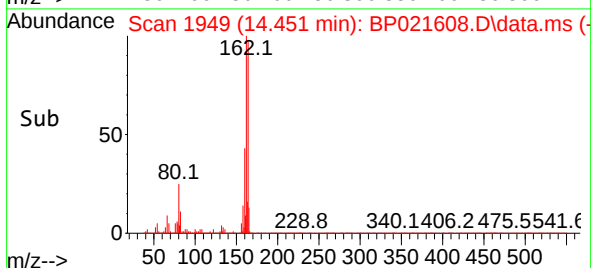
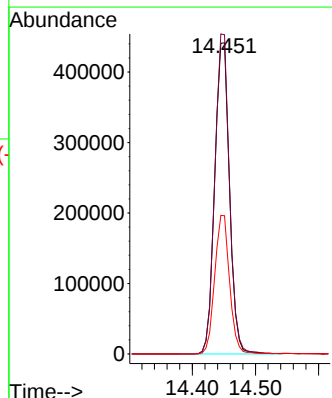
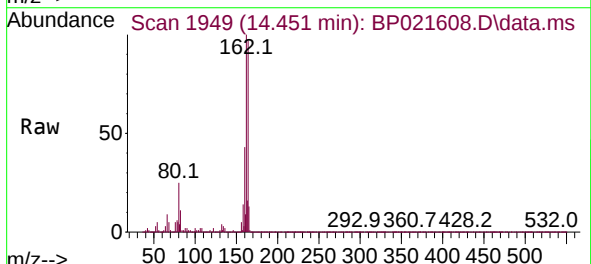
Instrument :
BNA_P
ClientSampleId :
PB162876BL

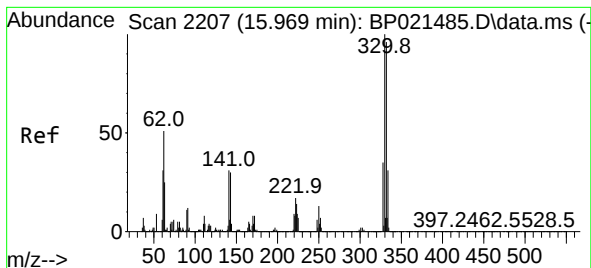
Tgt Ion: 82 Resp: 2399055
Ion Ratio Lower Upper
82 100
128 37.5 26.5 39.7
54 39.3 30.3 45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.005 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

Tgt Ion: 164 Resp: 719256
Ion Ratio Lower Upper
164 100
162 102.6 81.5 122.3
160 44.4 35.2 52.8

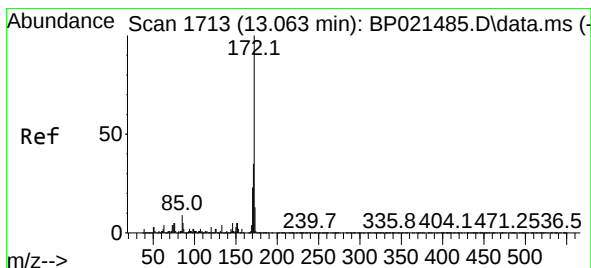
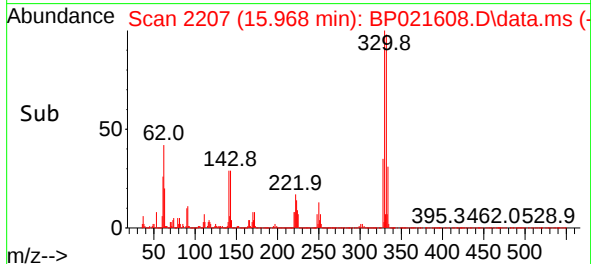
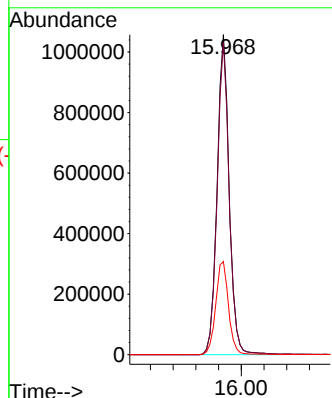
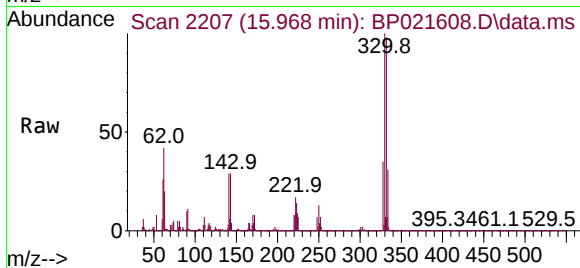




#42
2,4,6-Tribromophenol
Concen: 195.446 ng
RT: 15.968 min Scan# 21
Delta R.T. 0.011 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

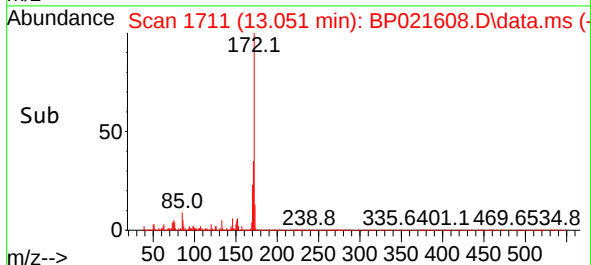
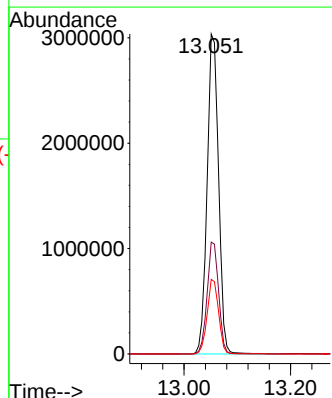
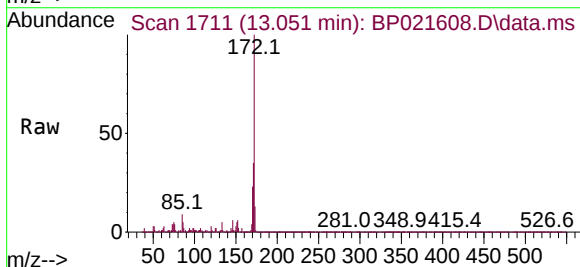
Instrument :
BNA_P
ClientSampleId :
PB162876BL

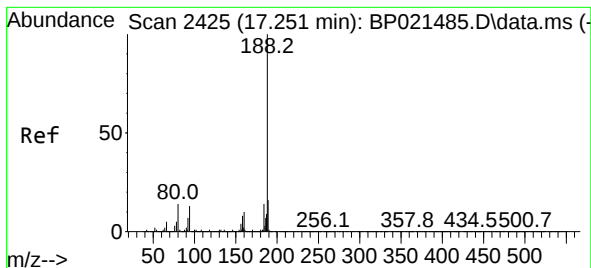
Tgt Ion:330 Resp: 1564553
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 30.9 24.5 36.7



#45
2-Fluorobiphenyl
Concen: 95.855 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.001 min
Lab File: BP021608.D
Acq: 22 Aug 2024 10:51

Tgt Ion:172 Resp: 4517494
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.3 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2425

Delta R.T. 0.005 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Instrument :

BNA_P

ClientSampleId :

PB162876BL

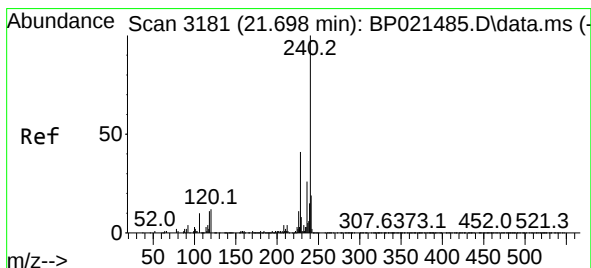
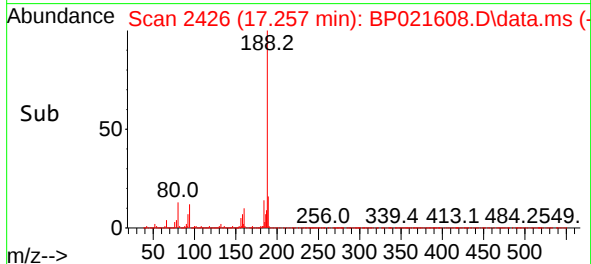
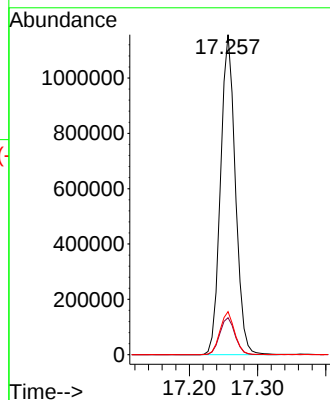
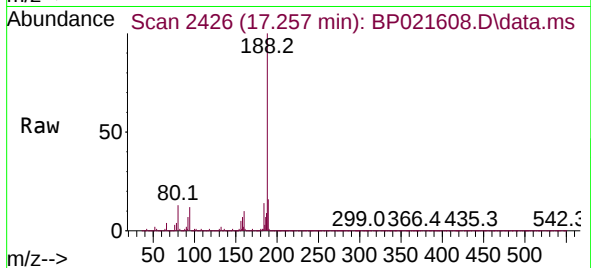
Tgt Ion:188 Resp: 1752028

Ion Ratio Lower Upper

188 100

94 11.6 10.2 15.4

80 13.4 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.715 min Scan# 3184

Delta R.T. -0.001 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

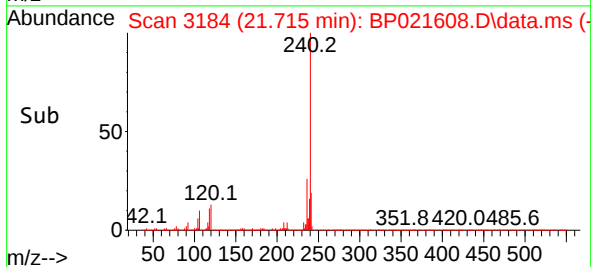
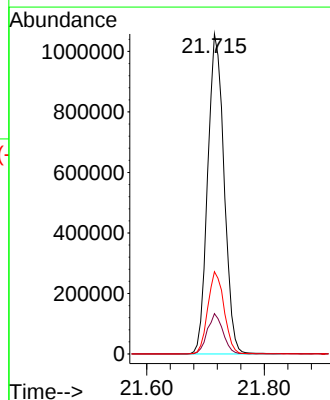
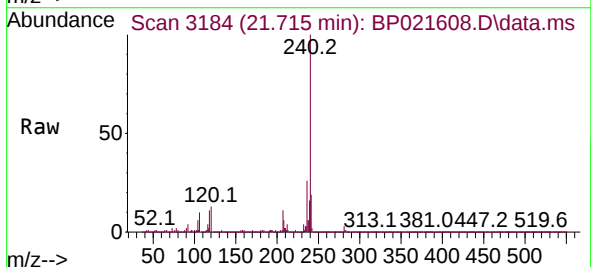
Tgt Ion:240 Resp: 2039178

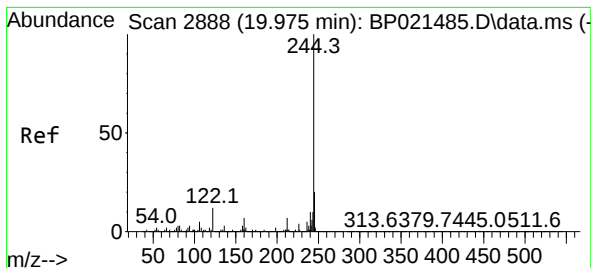
Ion Ratio Lower Upper

240 100

120 12.6 9.9 14.9

236 25.7 20.6 30.8





#79

Terphenyl-d14

Concen: 92.155 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Instrument :

BNA_P

ClientSampleId :

PB162876BL

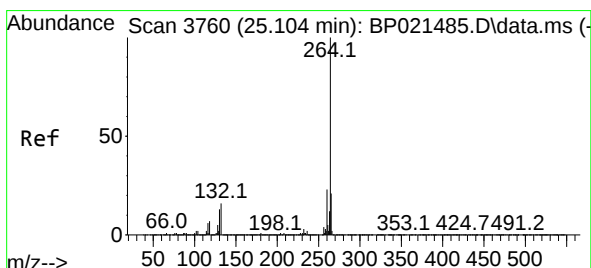
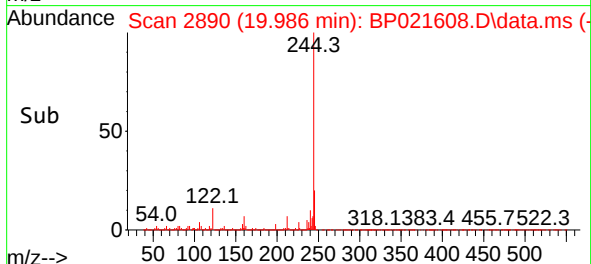
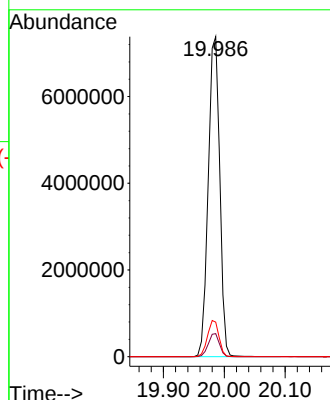
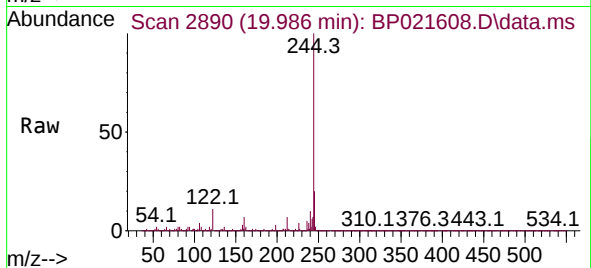
Tgt Ion:244 Resp: 9672988

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.8 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.156 min Scan# 3769

Delta R.T. 0.005 min

Lab File: BP021608.D

Acq: 22 Aug 2024 10:51

Tgt Ion:264 Resp: 2215401

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.2 17.1 25.7

